

Process and Composition for Printing

Abstract

Described is the preparation of a composition suitable for ink-jet printing, produced by blending a viscous printing composition suitable for application by an impact printing technique and a diluent. For hydrophilic viscous printing composition the diluent comprises: (i) water; (ii) a glycol; (iii) at least one surface tension modifier; (iv) optionally, ammonium hydroxide; and (v) optionally, one or more solvents. For lipophilic viscous printing composition the diluent comprises a surface tension modifier which is soluble in a fatty acid-based oil. Also described is a process for preparing the composition from a screen printing paste and a process for utilizing an ink jet to apply a viscous printing composition to a substrate.